EXHIBIT 48

RA-116
Data: 2015-2019 ACS; 2020 Census
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American Community Survey Special Tabulation
Using Census and American Community Survey Data
SENATE DISTRICTS - POWBS2019

| | 2020 Census | | Hispanic CVAP | | Special Tabulation of Citizen Voting Age Population (CVAP) from the 2015-2019 American Community Survey with Margins of Error | | | | | | | | | |
| | | | | | Not Hispanic or Latino Citizen Voting Age Population (CVAP) | | | | | | | | | |
District	Total	VAP	CVAP	% Hispanic	% Black Alone	% Black + White	% Black + American Indian	% White Alone	% American Indian Alone	%Asian Alone	% Native Hawaiian Alone	% American Indian + White	% Asian + White	% Remainder 2 or More Other
1	923,466	707,486	659,665 (±7,103)	8.0 (±0.4)	17.0 (±0.5)	0.3 (±0.1)	0.1(±0.1)	72.6 (±0.5)	0.4 (±0.1)	0.7 (±0.1)	0.1 (±0.1)	0.7 (±0.1)	0.1 (±0.1)	0.1 (±0.1)
2	943,819	710,047	569,880 (±6,512)	16.8 (±0.6)	12.3 (±0.5)	0.4 (±0.1)	0.2(±0.1)	62.8 (±0.5)	0.4 (±0.1)	5.8 (±0.3)	0.1 (±0.1)	0.6 (±0.1)	0.3 (±0.1)	0.2 (±0.1)
3	917,948	707,968	661,485 (±7,176)	9.4 (±0.4)	17.7 (±0.5)	0.2 (±0.1)	0.0(±0.1)	70.5 (±0.5)	0.4 (±0.1)	0.9 (±0.1)	0.0 (±0.1)	0.5 (±0.1)	0.1 (±0.1)	0.1 (±0.1)
4	953,922	703,230	588,620 (±7,687)	19.4 (±0.7)	12.8 (±0.5)	0.3 (±0.1)	0.0(±0.1)	63.6 (±0.6)	0.2 (±0.1)	2.7 (±0.2)	0.1 (±0.1)	0.5 (±0.1)	0.2 (±0.1)	0.2 (±0.1)
5	959,891	710,999	617,655 (±7,021)	19.0 (±0.6)	15.4 (±0.5)	0.5 (±0.1)	0.1(±0.1)	60.0 (±0.4)	0.3 (±0.1)	2.8 (±0.3)	0.3 (±0.1)	0.6 (±0.1)	0.5 (±0.1)	0.4 (±0.1)
6	961,457	690,053	487,149 (±6,640)	58.7 (±0.8)	19.7 (±0.6)	0.3 (±0.1)	0.2(±0.1)	17.6 (±0.5)	0.2 (±0.1)	2.9 (±0.3)	0.0 (±0.1)	0.2 (±0.1)	0.1 (±0.1)	0.1 (±0.1)
7	926,185	676,804	538,095 (±6,954)	19.4 (±0.7)	13.7 (±0.7)	0.2 (±0.1)	0.0(±0.0)	55.0 (±0.6)	0.2 (±0.1)	10.3 (±0.5)	0.0 (±0.0)	0.4 (±0.1)	0.5 (±0.1)	0.2 (±0.1)
8	937,678	690,236	562,780 (±6,275)	10.1 (±0.4)	9.6 (±0.5)	0.3 (±0.1)	0.1(±0.1)	70.0 (±0.5)	0.4 (±0.1)	8.4 (±0.4)	0.1 (±0.1)	0.4 (±0.1)	0.4 (±0.1)	0.2 (±0.1)
9	929,591	690,117	597,055 (±7,068)	14.2 (±0.6)	6.8 (±0.4)	0.3 (±0.1)	0.0(±0.1)	71.6 (±0.4)	0.5 (±0.1)	4.9 (±0.4)	0.2 (±0.1)	0.6 (±0.1)	0.5 (±0.1)	0.2 (±0.1)
10	927,996	693,983	577,775 (±6,692)	21.3 (±0.6)	23.4 (±0.7)	0.4 (±0.1)	0.1(±0.1)	50.2 (±0.5)	0.3 (±0.1)	3.1 (±0.3)	0.1 (±0.1)	0.4 (±0.1)	0.4 (±0.1)	0.2 (±0.1)
11	935,155	698,348	594,185 (±7,388)	21.0 (±0.7)	12.4 (±0.6)	0.3 (±0.1)	0.0(±0.1)	56.7 (±0.6)	0.3 (±0.1)	8.2 (±0.4)	0.0 (±0.0)	0.4 (±0.1)	0.4 (±0.1)	0.3 (±0.1)
12	949,426	730,216	610,820 (±5,822)	14.1 (±0.4)	7.6 (±0.3)	0.4 (±0.1)	0.2(±0.1)	70.8 (±0.4)	0.4 (±0.1)	5.0 (±0.2)	0.0 (±0.1)	0.8 (±0.1)	0.4 (±0.1)	0.3 (±0.1)
13	957,813	724,165	538,890 (±7,986)	22.5 (±0.7)	49.6 (±0.8)	0.3 (±0.1)	0.1(±0.1)	17.5 (±0.4)	0.2 (±0.1)	9.1 (±0.4)	0.1 (±0.1)	0.1 (±0.1)	0.3 (±0.1)	0.2 (±0.1)
14	962,102	755,396	643,760 (±7,628)	15.6 (±0.5)	10.5 (±0.4)	0.4 (±0.1)	0.1(±0.1)	69.3 (±0.5)	0.3 (±0.1)	2.7 (±0.2)	0.1 (±0.1)	0.5 (±0.1)	0.4 (±0.1)	0.2 (±0.1)
15	961,160	730,581	573,165 (±7,097)	25.8 (±0.7)	24.0 (±0.7)	0.3 (±0.1)	0.1(±0.1)	41.6 (±0.5)	0.2 (±0.1)	6.9 (±0.3)	0.1 (±0.1)	0.3 (±0.1)	0.4 (±0.1)	0.2 (±0.1)
16	963,395	719,917	503,010 (±6,197)	28.3 (±0.7)	20.2 (±0.7)	0.4 (±0.1)	0.2(±0.1)	45.5 (±0.5)	0.3 (±0.1)	4.3 (±0.3)	0.1 (±0.1)	0.3 (±0.1)	0.3 (±0.1)	0.2 (±0.1)
17	925,436	694,008	558,450 (±7,081)	22.4 (±0.7)	11.9 (±0.5)	0.3 (±0.1)	0.1(±0.1)	54.2 (±0.5)	0.4 (±0.1)	9.9 (±0.5)	0.0 (±0.1)	0.4 (±0.1)	0.4 (±0.1)	0.2 (±0.1)
18	941,069	704,498	568,030 (±7,361)	29.8 (±0.8)	13.7 (±0.6)	0.2 (±0.1)	0.1(±0.1)	52.5 (±0.6)	0.2 (±0.1)	2.6 (±0.2)	0.1 (±0.1)	0.5 (±0.1)	0.2 (±0.1)	0.2 (±0.1)
19	915,066	666,553	554,815 (±7,368)	63.4 (±0.8)	8.0 (±0.4)	0.3 (±0.1)	0.1(±0.1)	25.3 (±0.5)	0.3 (±0.1)	1.5 (±0.2)	0.1 (±0.1)	0.4 (±0.1)	0.3 (±0.1)	0.2 (±0.1)
20	965,934	699,892	545,825 (±7,406)	77.9 (±0.7)	1.9 (±0.2)	0.0 (±0.1)	0.0(±0.1)	18.3 (±0.4)	0.1 (±0.1)	1.2 (±0.2)	0.1 (±0.1)	0.2 (±0.1)	0.1 (±0.1)	0.0 (±0.1)
21	966,108	746,729	610,655 (±6,968)	51.7 (±0.7)	6.5 (±0.3)	0.3 (±0.1)	0.1(±0.1)	38.8 (±0.5)	0.2 (±0.1)	1.6 (±0.2)	0.0 (±0.1)	0.4 (±0.1)	0.3 (±0.1)	0.2 (±0.1)
22	921,290	691,798	610,035 (±6,844)	17.1 (±0.5)	12.5 (±0.5)	0.3 (±0.1)	0.1(±0.1)	65.8 (±0.4)	0.4 (±0.1)	2.5 (±0.2)	0.2 (±0.1)	0.7 (±0.1)	0.2 (±0.1)	0.2 (±0.1)
23	964,705	724,917	582,560 (±7,047)	25.0 (±0.6)	44.6 (±0.7)	0.4 (±0.1)	0.2(±0.1)	26.6 (±0.4)	0.2 (±0.1)	2.2 (±0.2)	0.1 (±0.1)	0.3 (±0.1)	0.3 (±0.1)	0.2 (±0.1)
24	918,601	716,463	628,110 (±6,633)	18.1 (±0.5)	2.3 (±0.2)	0.2 (±0.1)	0.0(±0.1)	74.1 (±0.4)	0.3 (±0.1)	3.5 (±0.2)	0.0 (±0.1)	0.7 (±0.1)	0.5 (±0.1)	0.2 (±0.1)
25	930,935	710,798	616,240 (±6,550)	26.1 (±0.6)	4.2 (±0.3)	0.3 (±0.1)	0.0(±0.0)	65.6 (±0.5)	0.1 (±0.1)	2.4 (±0.2)	0.0 (±0.1)	0.5 (±0.1)	0.5 (±0.1)	0.3 (±0.1)
26	928,940	714,530	651,655 (±7,805)	61.4 (±0.7)	7.6 (±0.4)	0.4 (±0.1)	0.1(±0.1)	27.5 (±0.5)	0.2 (±0.1)	1.9 (±0.2)	0.1 (±0.1)	0.3 (±0.1)	0.3 (±0.1)	0.2 (±0.1)
27	942,285	675,607	532,650 (±7,227)	78.1 (±0.7)	1.3 (±0.1)	0.1 (±0.1)	0.0(±0.1)	19.5 (±0.4)	0.2 (±0.1)	0.5 (±0.1)	0.0 (±0.1)	0.2 (±0.1)	0.1 (±0.1)	0.0 (±0.1)
28	926,282	708,614	668,490 (±6,500)	26.9 (±0.6)	6.0 (±0.3)	0.3 (±0.1)	0.1(±0.1)	64.4 (±0.4)	0.4 (±0.1)	1.0 (±0.1)	0.1 (±0.1)	0.5 (±0.1)	0.2 (±0.1)	0.1 (±0.1)
29	918,000	686,205	541,970 (±6,836)	77.1 (±0.7)	3.6 (±0.3)	0.2 (±0.1)	0.0(±0.1)	17.0 (±0.4)	0.4 (±0.1)	1.0 (±0.1)	0.1 (±0.1)	0.2 (±0.1)	0.2 (±0.1)	0.2 (±0.1)
30	952,686	713,887	600,050 (±6,437)	12.3 (±0.5)	10.0 (±0.5)	0.5 (±0.1)	0.1(±0.1)	69.5 (±0.5)	0.6 (±0.1)	5.7 (±0.3)	0.1 (±0.1)	0.6 (±0.1)	0.4 (±0.1)	0.2 (±0.1)
31	917,164	672,655	587,640 (±6,544)	35.4 (±0.7)	5.0 (±0.3)	0.2 (±0.1)	0.1(±0.1)	56.8 (±0.4)	0.5 (±0.1)	1.1 (±0.1)	0.1 (±0.1)	0.6 (±0.1)	0.1 (±0.1)	0.1 (±0.1)

The American Community Survey provided estimated citizen voting age population (CVAP) data at the block group level in a Special Tabulation. Because the MOE can only be calculated using whole block groups, all block groups with more than 50% of the population in a district are included in the analysis.
The percent for each CVAP population category is that group's CVAP divided by the CVAP total.
Numbers in parentheses are margins of error at 90% confidence level.